

DERWENT-ACC-NO: 2002-501493

DERWENT-WEEK: 200362

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TITLE: Catalyst system useful for the preparation of  
polyisocyanate/polyaddition products comprises  
catalysts  
encapsulated in wax

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PATENT-ASSIGNEE: BASF AG[BADI]

PRIORITY-DATA: 2000DE-1050417 (October 12, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
EP 1335944 A1	August 20, 2003	G
000 C08G 018/16		
<u>DE 10050417 A1</u>	April 18, 2002	N/A
008 B01J 035/02		
AU 200221666 A	April 22, 2002	N/A
000 C08G 018/16		
WO 200231013 A1	April 18, 2002	G
000 C08G 018/16		

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU  
LV MC MK  
NL PT RO SE SI TR AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO  
CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE  
SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI  
FR GB GH  
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
EP 1335944A1	N/A	2001EP-0986703
October 11, 2001		
EP 1335944A1	N/A	2001WO-EP11762
October 11, 2001		

EP 1335944A1	Based on	WO 200231013
N/A		
DE 10050417A1	N/A	2000DE-1050417
October 12, 2000		
AU 200221666A	N/A	2002AU-0021666
October 11, 2001		
AU 200221666A	Based on	WO 200231013
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WO 200231013A1	N/A	2001WO-EP11762
October 11, 2001		

INT-CL (IPC): B01J035/02, B01J035/08 , B01J037/00 , B01J037/02 ,  
C08G018/16 , C08G018/20

ABSTRACTED-PUB-NO: DE 10050417A

#### BASIC-ABSTRACT:

NOVELTY - New catalyst system encapsulated in wax comprises at least one catalyst (c) which catalyzes the reaction of polyisocyanates (a) with compounds (b) having at least two hydrogen atoms reactive to isocyanate groups.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for: (1) Preparation of the catalyst system by taking up the catalysts (c) in molten wax and dispersing them in a polar liquid; (2) preparation of polyisocyanate/polyaddition products by reaction of (a) polyisocyanates with (b) high molecular compounds with at least two hydrogen atoms reactive to isocyanate groups, in the presence of (c) catalysts, and optionally (d) propellants, (e) chain extenders, and (f) adjuvants or additives, in which part or the whole of catalysts (c) is encapsulated in wax.

USE - The catalyst system is useful for the preparation of polyisocyanate/polyaddition products (claimed), used for production of shaped articles (claimed), and for the production of polyurethanes.

ADVANTAGE - The catalyst system avoids some drawbacks of previous systems, e.g. limited catalyst concentration, e.g. in polyurethane preparation, formation of

different acid/base equilibria between the catalysts, and corrosion of the processing machine due to acid released from the catalyst system.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: CATALYST SYSTEM USEFUL PREPARATION POLYADDITION PRODUCT  
COMPRISE  
CATALYST ENCAPSULATE WAX

DERWENT-CLASS: A25

CPI-CODES: A02-A00A; A05-G01A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; G1945\*R G1843 D01 F73 ; P1592\*R F77 D01 ; S9999 S1434 ;  
L9999  
L2391 ; L9999 L2073 ; M9999 M2073 ; H0011\*R ; L9999 L2528 L2506  
; L9999 L2824

Polymer Index [1.2]

018 ; ND02 ; ND03 ; B9999 B5094 B4977 B4740 ; N9999 N6440\*R ;  
K9416

Polymer Index [1.3]

018 ; C999 C000\*R ; C999 C306 ; B9999 B5209 B5185 B4740 ; S9999  
S1456\*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-142419